

INTER-OFFICE MEMORANDUM

404478

Crossroads

DATE 12 September 1946

TO: Dr. L. H. Hempelmann

FROM: Carl Buckland

SUBJECT: Bikini Apparatus Monitoring

On September 10 a request came from Harry Allen and "Duke Taylor to monitor two pieces of equipment which had come in by express from Dr. Dessauer. They were checked for alpha beta and gamma. There ~~was~~ no alpha and very little beta and gamma. Highest beta and gamma reading total was 2.2 mr/hr which is negligible and not a health hazard.

Swipes with moist filter paper were taken. Louis Scivally tok counts in the beta, gamma counter. His results are tabulated below.

Standard					10 September 1946
Time	Background	Count Abs.	Count Total	Net Count	Correction
12:00	55.6	5197.0	891.6	836.0	6.2

Sample #1

Total c/min	Net c/min	Abs. c/min
59.6	4.0	24.8

Sample # 2

71.0	15.4	95.48
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Sample # 4

58.0	2.4	14.88
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All counts subject to $\pm 5\%$ error.

Carl Buckland
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REPOSITORY

Los Alamos NATL LAB

cc/ Harry Allen

COLLECTION

Files

BOX No.

TR 5987

FOLDER

Operation Crossroads